

OIPE COST

Attorney Docket No: 19.0302

# DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### Method of Kick Detection and Cuttings Bed Buildup Detection using a Drilling Tool

the specification of which				
[ ] is attached hereto.				
[√] was filed on 09/21/01	,			
[ $\sqrt{\ }$ ] was filed on $09 21 01$ as Application Serial Number $09$	1960,445			
or PCT International Application Nu				
and was amended on (if applicable)				
I hereby state that I have reviewed and specification, including the claims, as an	understand the cor nended by any ame	ntents of endment	the above-identifice referred to above.	ed
I acknowledge the duty to disclose informapplication in accordance with Title 37, 0				
I hereby claim foreign priority benefits ur foreign application(s) for patent or inven application which designated at least on listed below and have also identified belo certificate or of any PCT international ap application on which priority is claimed:	itor's certificate, or e country other tha ow any foreign app	365(a) o in the Un dication f	of any PCT interna dited States of Amo for patent or inven	tional erica, tor's
Prior Foreign Application(s) Priority Claimed				
	1	1	1	[]
YES [] NO (Number) (Country)	D/	M/	YR FILED	
	1	1	1	[]
YES [] NO (Number) (Country)	D/	M/	YR FILED	



SOLE OR FIRST INVENTOR

Full Name:

Residence:



I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

States provisional ap	plication(s) listed belov	N:
Application No.		Filing Date
Application No.		Filing Date
States application(s), States of America, lis application is not disc manner provided by acknowledge the dut Title 37, Code of Fed	, or 365(c) of any PCT sted below and, insofar closed in the prior Unit the first paragraph of T y to disclose informatio leral Regulations, Sect	nited States Code, Section 120 of any United international application designating the United ras the subject matter of each of the claims of this ed States or PCT international application in the little 35, United States Code, Section 112, I can which is material to patentability as defined in tion 1.56 which occurred between the filing date of international filing date of this application:
Application Serial No.	Filing Date	Status-patented, pending, abandoned
Application Serial No.	Filing Date	Status-patented, pending, abandoned
this application and therewith: John J. Ry J. L. (Jennie) Salazar letters and other com IP Counsel, P. O. BO directed to: Brigitte L	ransact all business in berg, #31,134; Brigitte r, #45,065. I hereby re munication be directed X 2175, Houston, Texa Jeffery, at (281) 285-	following attorney(s) and/or agents(s) to prosecute the Patent and Trademark Office connected a L. Jeffery, #38,925; Victor H. Segura, #44,329 and equest that all correspondence, notices, official d to Schlumberger Technology Corporation, ATTN: as 77252-2175; and that all telephone calls be 7067, Schlumberger Oilfield Services, P. O. BOX astomer Service No. is 23718.
statements made on statements were made are punishable by fin	information and belief de with the knowledge e or imprisonment, or t such willful false state	nerein of my own knowledge are true and that all are believed to be true, and further that these that willful false statements and the like so made both, under Section 1001 of Title 18 of the United ements may jeopardize the validity of the

53 Rue 7325, El-Menzah 9C / Tunis, Tunisia

Date 1 OCT 2001

Citizenship:

Tunisia

P.O. Address: SECOND INVENTOR,

53 Rue 7325, El-Menzah 9C / Tunis, Tunisia

Signature

\_ Date 24 Suptemb

Full Name:

Iain Cooper

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Citizenship:

Great Britain

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37 Auckland Court, Auckland Road, Cambridge CB5 8DS UK

Attorney Docket No: 19.0302

### **DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

# Latician Detection and Cuttings Red Ruildun Detection using a Drilling Tool

Method of Kick Detection and Cuttin	gs bea buildup bei	ection u	Sing a Dinning 10	OI .
the specification of which				
[ X ] is attached hereto.				
[ ] was filed on				
as Application Serial Number		<u></u>		
or PCT International Application N	umber			
and was amended on (if applicable	e)	<u>_</u>		
I hereby state that I have reviewed and specification, including the claims, as a	d understand the con amended by any ame	tents of the Indment i	ne above-identified referred to above.	
I acknowledge the duty to disclose info application in accordance with Title 37	ormation which is mat , Code of Federal Re	erial to th gulations	ne examination of the section 1.56(a).	his
I hereby claim foreign priority benefits foreign application(s) for patent or investigation which designated at least of below and have also identified below a of any PCT international application hapriority is claimed:	entor's certificate, or 3 one country other tha any foreign application	365(a) of n the Uni n for pate	any PCT internatio ted States of Amer ent or inventor's cer	nal ica, listed tificate or
Prior Foreign Application(s) Priority Claimed				
VEO. 11110	1	1	1	[]
YES [] NO (Number) (Country)	D/	M/	YR FILED	
VEO 11110	1	1	1	[]
YES []NO (Number) (Country)	D/	M/	YR FILED	
VEO 11 NO	1	1	1	[]
YES [] NO (Number) (Country)	D/	M/	YR FILED	





I hereby claim the benefit ur States provisional application	nder Title 35, United Stat on(s) listed below:	es Code, Section 119(e) of any United			
Application No.		Filing Date			
Application No.		Filing Date			
I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:					
Application Serial No.	Filing S Date	Status-patented, pending, abandoned			
Application Serial No.	Filing S	Status-patented, pending, abandoned			
As a named inventor, I hereby appoint the following attorney(s) and/or agents(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: John J. Ryberg, #31,134; Brigitte L. Jeffery, #38,925; Victor H. Segura, #44,329 and J. L. (Jennie) Salazar, #45,065. I hereby request that all correspondence, notices, official letters and other communication be directed to Schlumberger Technology Corporation, ATTN: IP Counsel, P. O. BOX 2175, Houston, Texas 77252-2175; and that all telephone calls be directed to: Brigitte L. Jeffery, at (281) 285-7067, Schlumberger Oilfield Services, P. O. BOX 2175, Houston, Texas 77252-2175. Our Customer Service No. is 23718.					
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
SOLE OR FIRST INVENTOR					
Signature	Date				
Full Name:	Kais Gzara				
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# SECOND INVENTOR

Signature \_\_\_\_\_ Date \_\_\_\_

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